

Title (en)

POWER TRANSMITTING DEVICE AND POWER OUTPUTTING DEVICE WITH SAME

Title (de)

LEISTUNGSÜBERTRAGUNGSVORRICHTUNG UND LEISTUNGSABGABEVORRICHTUNG DAMIT

Title (fr)

DISPOSITIF DE TRANSMISSION DE PUISSANCE ET DISPOSITION D'ÉMISSION DE PUISSANCE COMPRENANT CELUI-CI

Publication

EP 3296133 A4 20190206 (EN)

Application

EP 16792438 A 20160328

Priority

- JP 2015098619 A 20150513
- JP 2016059898 W 20160328

Abstract (en)

[origin: EP3296133A1] Object: To provide a technique which ensures lubrication of each part of a device while enabling a reduction in the number of parts and in the size of the device. Resolution means: A power transmission device (20) is provided with: a power transmission path on an engine (2) side; a power transmission path on a motor (4) side; and a gear case (30) for accommodating the power transmission paths. A housing (32) and a case body (34), which form the gear case (30), are provided with: breather forming wall sections (32b, 34b); a second oblique rib (72b); an oblique rib (92); vertically extending ribs (76, 96); and circular arc ribs (74, 94). A region (S), which is closed except for one side in the direction in which the power transmission path on the engine (2) side is disposed, is formed by the breather forming wall sections (32b, 34b), the second oblique rib (72b), the oblique rib (92), the vertically extending ribs (76, 96), and the circular arc ribs (74, 94). Consequently, lubricating oil scooped up by a first idler gear (46) can be circulated within the region (S). Thus, the lubrication of each part of the device can be ensured without the use of an oil pump, etc.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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